

| L Number | Hits   | Search Text  | DB  | Time stamp       |
|----------|--------|--|---|------------------|
| 4        | 460    | variable near3 optic\$3 near3 delay  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/03 08:16 |
| 5        | 6677   | optic\$3 near3 delay   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/03 08:16 |
| 6        | 646166 | reflector or mirror or mem or micro\$1mirror   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/03 08:16 |
| 7        | 294940 | optic\$3 near3 fiber   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/03 08:17 |
| 8        | 3100   | (fine or coarse) near8 delay   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/03 08:17 |
| 9        | 9      | (variable near3 optic\$3 near3 delay) and (reflector or mirror or mem or micro\$1mirror) and (optic\$3 near3 fiber) and ((fine or coarse) near8 delay) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/03 08:18 |
| 10       | 48     | (optic\$3 near3 delay) and (reflector or mirror or mem or micro\$1mirror) and (optic\$3 near3 fiber) and ((fine or coarse) near8 delay)                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/03 08:20 |
| 11       | 14     | 385/\$6 and ((optic\$3 near3 delay) and (reflector or mirror or mem or micro\$1mirror) and (optic\$3 near3 fiber) and ((fine or coarse) near8 delay))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/03 10:45 |
| 24       | 27     | 4671605.URPN.  | USPAT   | 2004/02/03 08:24 |
| 25       | 689    | 359/139  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/03 10:45 |
| 26       | 353    | 359/140  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/03 10:45 |
| -        | 3114   | (optic\$3 near4 delay near4 (line or fiber or path))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/06 11:46 |
| -        | 97     | ((optic\$3 near4 delay near4 (line or fiber or path))) and 385/15  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/06 11:46 |

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| - | 1     | ((optics\$3 near4 delay near4 (line or fiber or path))) and 385/15) and (((micromechanical or micro\$1mechanical) near3 mirror) or mem) and reflect\$4 and switch and input                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/06 15:47 |
| - | 2     | ((optics\$3 near3 delay) and switch and (optics\$3 near3 path) and mem) and bragg   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/06 15:50 |
| - | 1     | (optics\$3 near3 delay near3 line) and switch and path and mem and reflect\$3 and bragg and substrate and input   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/06 16:31 |
| - | 0     | 20020067877.URPN.   | USPAT   | 2002/06/06 15:57 |
| - | 0     | 20020067877.URPN.   | USPAT   | 2002/06/06 15:57 |
| - | 57237 | (optics\$3 near3 delay) or (delay near3 lines)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/06 17:05 |
| - | 0     | ((optics\$3 near3 delay) or (delay near3 lines) ) and (optics\$3 near3 path) and (optics\$3 near4 switch\$3) and ((micromechanical or micro\$1mechanical) or mem) and reflect\$3 and bragg          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/06 17:08 |
| - | 0     | ((optics\$3 near3 delay) or (delay near3 lines) ) and (optics\$3 near4 switch\$3) and ((micromechanical or micro\$1mechanical) or mem) and reflect\$3 and bragg                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/06 17:09 |
| - | 7     | ((optics\$3 near3 delay) or (delay near3 lines) ) and switch\$3 and ((micromechanical or micro\$1mechanical) or mem) and reflect\$3 and bragg   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/07 12:55 |
| - | 9     | ((optics\$3 near3 delay) or (delay near3 lines) ) and ((micromechanical or micro\$1mechanical) or mem) and reflect\$3 and bragg   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/11 12:00 |
| - | 25287 | ((optics\$3 near3 delay) or (delay near3 lines) ) and switch\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/07 12:57 |
| - | 3     | ((((optics\$3 near3 delay) or (delay near3 lines) ) and switch\$3 ) and (plural\$3 near5 (fiber or path)) and reflect\$3 and curv\$6) and ((micromechanical or micro\$1mechanical) or mem)and bragg | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/07 13:11 |
| - | 2599  | 385/15  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/07 13:11 |
| - | 2179  | 385/16  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/07 13:11 |

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| - | 942  | 385/17   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/07 13:12 |
| - | 742  | 385/18   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/07 13:12 |
| - | 230  | ((optics\$3 near3 delay) or (delay near3 lines) ) and switch\$3 ) and (plural\$3 near5 (fiber or path)) and reflect\$3 and curv\$6           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/07 13:13 |
| - | 230  | ((optics\$3 near3 delay) or (delay near3 lines) ) and switch\$3 ) and (plural\$3 near5 (fiber or path)) and reflect\$3 and curv\$6           | USPAT;<br>US-PGPUB                                      | 2002/06/07 13:13 |
| - | 61   | ((optics\$3 near3 delay) or (delay near3 lines) ) and switch\$3 ) and (plural\$3 near5 (fiber or path)) and reflect\$3 and curvature         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/07 13:16 |
| - | 5096 | 385/15 or 385/16 or 385/17 or 385/18   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/12 15:13 |
| - | 3    | (385/15 or 385/16 or 385/17 or 385/18) and (variable near2 optics\$3 near2 delay) and path and curvature                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/11 12:15 |
| - | 3    | (385/15 or 385/16 or 385/17 or 385/18) and (variable near2 optics\$3 near2 delay) and path and curvature and reflect\$3                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/11 11:55 |
| - | 3    | (385/15 or 385/16 or 385/17 or 385/18) and (variable near2 optics\$3 near2 delay) and path and curvature and reflect\$3 and switch and input | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/11 11:56 |
| - | 16   | (optics\$3 near3 delay) and switch and (optics\$3 near3 path) and mem  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/11 12:00 |
| - | 9    | ((optics\$3 near3 delay) or (delay near3 lines)) and ((micromechanical or micro\$1mechanical) or mem) and bragg                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/12 09:03 |
| - | 9    | ((optics\$3 near3 delay) or (delay near3 line)) and ((micromechanical or micro\$1mechanical) or mem) and bragg and reflect\$3 and wavelength | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/11 12:14 |
| - | 6    | (variable near2 optics\$3 near2 delay) and ((micromechanical or micro\$1mechanical) or mem)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/11 12:16 |

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| - | 0   | 5018816.URPN.   | USPAT   | 2002/06/12 08:58 |
| - | 0   | 5018816.URPN.   | USPAT   | 2002/06/12 08:58 |
| - | 3   | ("4671605"   "4834488"   "4854660").PN.   | USPAT   | 2002/06/12 08:58 |
| - | 490 | ((optic\$3 near3 delay) or (delay near3 line)) and<br>((curv\$6 or bent or bend\$3) near5 (fiber or path))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/12 10:12 |
| - | 194 | ((((optic\$3 near3 delay) or (delay near3 line)) and<br>((curv\$6 or bent or bend\$3) near5 (fiber or path)))<br>and switch                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/12 09:07 |
| - | 78  | (((((optic\$3 near3 delay) or (delay near3 line)) and<br>((curv\$6 or bent or bend\$3) near5 (fiber or path)))<br>and switch) and (reflector or reflective) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/12 09:08 |
| - | 585 | ((optic\$3 near3 delay) or (delay near3 line)) and<br>(bragg)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/12 11:31 |
| - | 0   | ((optic\$3 near3 delay) or (delay near3 line)) and<br>(bragg near15 (switch\$5 near7 (reflect\$5 and<br>transmi\$6)))                                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/12 10:48 |
| - | 2   | ((optic\$3 near3 delay) or (delay near3 line)) and<br>(bragg) and (switch\$5 near7 (reflect\$5 and<br>transmi\$6))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/12 10:59 |
| - | 2   | ((((optic\$3 near3 delay) or (delay near3 line)) and<br>(bragg)) and (switch\$5 near10 (reflect\$8 and<br>transmi\$8))                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/12 11:08 |
| - | 7   | ((((optic\$3 near3 delay) or (delay near3 line)) and<br>(bragg)) and ((switch\$5 or select\$5 or choos\$5)<br>near10 (reflect\$8 and transmi\$8))           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/12 11:15 |
| - | 77  | ((optic\$3 near3 delay) or (delay near3 line)) and<br>(sheet near3 substrate)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/12 15:13 |
| - | 587 | 359/139   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/12 15:13 |
| - | 340 | 359/140   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/12 15:13 |
| - | 859 | 359/139 or 359/140  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/12 15:13 |

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| - | 0    | ((optic\$3 near3 delay) or (delay near3 line)) and (sheet near3 substrate) and (359/139 or 359/140)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/12 15:14 |
| - | 5111 | 385/15 or 385/16 or 385/17 or 385/18  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/12 15:14 |
| - | 2    | ((optic\$3 near3 delay) or (delay near3 line)) and (sheet near3 substrate) and ((359/139 or 359/140) or (385/15 or 385/16 or 385/17 or 385/18)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/12 15:15 |
| - | 14   | ((optic\$3 near3 delay) or (delay near3 line)) and (sheet near3 substrate) and (385/\$ or 359/\$)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/12 15:17 |
| - | 3623 | (optic\$3 near4 delay) near6 (line or fiber or path)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/09 13:36 |
| - | 761  | ((optic\$3 near4 delay) near6 (line or fiber or path)) and 385/\$4  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/09 13:37 |
| - | 336  | ((optic\$3 near4 delay) near6 (line or fiber or path)) and (385/15 or 385/16 or 385/18 or 385/24)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/09 13:38 |
| - | 233  | ((((optic\$3 near4 delay) near6 (line or fiber or path)) and (385/15 or 385/16 or 385/18 or 385/24)) and switch\$4                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/09 13:38 |
| - | 72   | (((((optic\$3 near4 delay) near6 (line or fiber or path)) and (385/15 or 385/16 or 385/18 or 385/24)) and switch\$4) and curv\$6                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/09 13:38 |
| - | 31   | ((((((optic\$3 near4 delay) near6 (line or fiber or path)) and (385/15 or 385/16 or 385/18 or 385/24)) and switch\$4) and curv\$6) and radi\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/09 13:39 |
| - | 3    | ("4671605"   "4834488"   "4854660").PN.   | USPAT   | 2003/04/09 13:42 |
| - | 2    | 6154590.pn.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/24 10:13 |
| - | 6    | bragg near3 (switch\$4 near4 (reflect\$4 and transmi\$6))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/24 10:20 |

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| - | 15 | 385/\$6 and (var\$6 near4 attentuat\$4) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/24 10:21 |
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